

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|-----------------------------------|
| Attorney Docket No. | 000939-052180US |
| First Inventor | Crafts, Harold S. |
| Title | SEA-OF-CELLS ARRAY OF TRANSISTORS |
| Express Mail Label No. | EV325766564US |

 10018 U.S. PTO
10/719357


| APPLICATION ELEMENTS | ADDRESS TO | | |
|--|--|-----------------------------------|-------------------|
| <p>See MPEP chapter 600 concerning design patent application contents.</p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 16] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 13]</p> <p>5. Oath or Declaration [Total Pages 2]</p> <p style="padding-left: 20px;">a. <input type="checkbox"/> Newly executed (original or copy)</p> <p style="padding-left: 20px;">b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 18 completed)</i></p> <p style="padding-left: 40px;">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p style="text-align: center;">Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)</p> <p style="padding-left: 20px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p style="padding-left: 20px;">b. Specification Sequence Listing on:</p> <p style="padding-left: 40px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p style="padding-left: 40px;">ii. <input type="checkbox"/> paper number of pages</p> <p style="padding-left: 20px;">c. <input type="checkbox"/> Statements verifying identity of above copies</p> | | |
| | <p>ACCOMPANYING APPLICATIONS PARTS</p> <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</p> <p>17. <input checked="" type="checkbox"/> Other: Change of Power of Attorney Transmittal; Appointment of Associate Attorney</p> | | |
| <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: <u>10/463,160</u></p> <p>Prior application information: Examiner: _____ Art Unit: <u>2825</u></p> <p>For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> | | | |
| <p>19. CORRESPONDENCE ADDRESS</p> | | | |
| <p><input checked="" type="checkbox"/> Customer Number 20350 OR <input type="checkbox"/> Correspondence address below</p> | | | |
| Name | | | |
| Address | | | |
| City | State | | |
| Country | Zip Code | | |
| Telephone | Fax | | |
| Name (Print/Type) | William F. Vobach | Registration No. (Attorney/Agent) | 39,411 |
| Signature | <i>William F. Vobach</i> | Date | November 21, 2003 |

 PTO PTO did not receive the following
 (Total 13 sheets) Total sheets of
 Drawing 15 12 Net 13

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 770

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Crafts, Harold S. |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | 000939-052180US |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number: 20-1430

Deposit Account Name: Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|--------------|----------|----------|------------------------|----------------|
| | | 1001 | 770 | Utility filing fee | 770 |
| | | 1002 | 340 | Design filing fee | |
| | | 1003 | 530 | Plant filing fee | |
| | | 1004 | 770 | Reissue filing fee | |
| | | 1005 | 160 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$)770 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|----------|
| 2 | -20** = 0 | X\$18 | \$0 |
| 2 | -3** = 0 | X\$86 | \$0 |
| | | X | |

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|--------------|----------|----------|--|--------------|
| | | 1202 | 18 | Claims in excess of 20 | |
| | | 1201 | 86 | Independent claims in excess of 3 | |
| | | 1203 | 290 | Multiple dependent claim, if not paid | |
| | | 1204 | 86 | ** Reissue independent claims over original patent | |
| | | 1205 | 18 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$)0 |

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large | Entity | Small | Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|--------|-------|--------|----------|----------|--|-------------|
| 1051 | 130 | 2051 | 65 | | | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | | | Surcharge - late provisional filing fee or cover sheet. | |
| 1053 | 130 | 1053 | 130 | | | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | | | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | | | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | | | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | | | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | | | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | | | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | | | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | | | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | | | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | | | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | | | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | | | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | | | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 655 | | | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 655 | | | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | | | Design issue fee | |
| 1503 | 640 | 2503 | 320 | | | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | | | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | | | Petitions related to provisional applications | |
| 1806 | 180 | 1806 | 180 | | | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | | | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 | | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | | | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | | | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | | SUBTOTAL (3) | (\$) |

SUBMITTED BY Complete (if applicable)

| | | | | | |
|-------------------|--------------------------|-----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | William F. Vobach | Registration No. (Attorney/Agent) | 39,411 | Telephone | 303-571-4000 |
| Signature | <i>William F. Vobach</i> | | | Date | November 21, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.